

Ohio plan does not provide for attainment and maintenance of the secondary standards for particulate matter in the Greater Metropolitan Cleveland Intrastate Region and the Ohio portions of the Northwest Pennsylvania-Youngstown and the Steubenville-Weirton-Wheeling Interstate Regions.

(b) In Pickaway County, Columbus and Southern Ohio Electric Company, or any subsequent owner or operator of the Picway Generating Station, shall not operate simultaneously Units 3 and 4 (boilers 7 and 8) at any time. These units will terminate operation no later than October 1, 1980.

(c) Ohio Regulation EP-12 (open burning) is disapproved insofar as EP-12-03(D)(1) and EP-12-04(D)(1) allow open burning of hazardous or toxic materials.

(d) Part D—Limited disapproval—Notwithstanding the approval of rules as specified in § 52.1870(c)(97), USEPA disapproves the plan for Cuyahoga County because the plan fails to require timely implementation of reasonably available control measures and fails to assure attainment, and USEPA disapproves the plan for Jefferson County because the plan fails to assure attainment.

(e)—(f) [Reserved]

(g) The B.F. Goodrich Chemical Plant State Implementation Plan revision is being disapproved because it is not supported by an adequate attainment demonstration and therefore does not meet the requirements of § 51.13(e).

(h) *Approval.* On January 4, 1989, the State of Ohio submitted a committal SIP for particulate matter with an aerodynamic diameter equal to or less than 10 micrometers (PM₁₀) for Ohio's Group II areas. The Group II areas of concern are in Belmont, Butler, Columbiana, Franklin, Hamilton, Lorrain, Mahoning, Montgomery, Richland, Sandusky, Scioto, Seneca, Stark, Summit, Trumbull, and Wyandot Counties. The committal SIP contains all the requirements identified in the July 1, 1987, promulgation of the SIP requirements for PM₁₀ at 52 FR 24681.

(i) Part D—Disapproval—Ohio's Part D TSP plan for the Middletown area is disapproved. Although USEPA is disapproving the plan, the emission limi-

tations and other requirements in the federally approved SIP remain in effect. See § 52.1870(c)(27).

[39 FR 13542, Apr. 15, 1974, as amended at 43 FR 4259, Feb. 1, 1978; 43 FR 4611, Feb. 3, 1978; 43 FR 16736, Apr. 20, 1978; 46 FR 19472, Mar. 31, 1981; 46 FR 43423, Aug. 28, 1981; 49 FR 48544, Dec. 13, 1984; 50 FR 5250, Feb. 7, 1985; 51 FR 40676, Nov. 7, 1986; 55 FR 11371, Mar. 28, 1990; 55 FR 29846, July 23, 1990; 59 FR 27472, May 27, 1994]

§ 52.1881 Control strategy: Sulfur oxides (sulfur dioxide).

(a) USEPA is approving, disapproving or taking no action on various portions of the Ohio sulfur dioxide control plan as noticed below. The disapproved portions of the Ohio plan do not meet the requirements of § 51.13 of this chapter in that they do not provide for attainment and maintenance of the national standards for sulfur oxides (sulfur dioxide). (Where USEPA has approved the State's sulfur dioxide plan, those regulations supersede the federal sulfur dioxide plan contained in paragraph (b) of this section and § 52.1882.)

(1) Approval—USEPA approves the following OAC Rule: 3745-18-01 Definitions, 3745-18-02 Ambient Air Quality Standards-Sulfur Dioxide, 3745-18-05 Ambient and Meteorological Monitoring Requirements, 3745-18-06 General Emission Limit Provisions.

(2) Approval—USEPA approves the Ohio Rules 3745-18-03 Attainment Dates and Compliance Time Schedules except for those provisions listed in § 52.1881(a)(5).

(3) Approval—USEPA approves the Ohio Rules 3745-18-04 Emission Measurement Methods except for those provisions listed in § 52.1881(a)(6).

(4) Approval—EPA approves the sulfur dioxide emission limits for the following counties: Adams County (except Dayton Power & Light—Stuart), Allen County (except Cairo Chemical), Ashland County, Ashtabula County, Athens County, Auglaize County, Belmont County, Brown County, Carroll County, Champaign County, Clark County, Clermont County, (except Cincinnati Gas & Electric—Beckjord), Clinton County, Columbiana County, Coshocton County (except Columbus & Southern Ohio Electric—Conesville), Crawford County, Darke County, Defiance County, Delaware County, Erie

County, Fairfield County, Fayette County, Fulton County, Gallia County, (except Ohio Valley Electric Company—Kyger Creek and Ohio Power—Gavin), Geauga County, Greene County, Guernsey County, Hamilton County, Hancock County, Hardin County, Harrison County, Henry County, Highland County, Hocking County, Holmes County, Huron County, Jackson County, Jefferson County, Knox County, Lake County (except Ohio Rubber, Cleveland Electric Illuminating Company—Eastlake, and Painesville Municipal Boiler #5), Lawrence County (except Allied Chemical—South Point), Licking County, Logan County, Lorain County (except Ohio Edison—Edgewater, Cleveland Electric Illuminating Company—Avon Lake, U.S. Steel—Lorain, and B.F. Goodrich), Lucas County (except Gulf Oil Company, Coulton Chemical Company, and Phillips Chemical Company), Madison County, Marion County, Medina County, Meigs County, Mercer County, Miami County, Monroe County, Morgan County, Montgomery County (except Bergstrom Paper and Miami Paper), Morrow County, Muskingum County, Noble County, Ottawa County, Paulding County, Perry County, Pickaway County, Pike County (except Portsmouth Gaseous Diffusion Plant), Portage County, Preble County, Putnam County, Richland County, Ross County (except Mead Corporation), Sandusky County (except Martin Marietta Chemicals), Scioto County, Seneca County, Shelby County, Trumbull County, Tuscarawas County, Union County, Van Wert County, Vinton County, Warren County, Washington County (except Shell Chemical Company), Wayne County, Williams County, Wood County (except Libbey—Owens—Ford Plants Nos. 4 and 8 and No. 6), and Wyandot County.

(5) Disapproval—USEPA disapproves the Ohio Rule 3745-18-03(A), Attainment Dates and also disapproves Ohio Rule 3745-18-03(C)(3) Compliance Time Schedules for all sources electing to comply with the regulations by utilizing complying fuels.

(6) No Action—USEPA is neither approving nor disapproving the following Ohio Rule pending further review: 3745-18-04(D)(2), 3745-18-04(D)(3), 3745-18-

04(E)(2), 3745-18-04(E)(3) and, 3745-18-04(E)(4) Emission Measurement Methods.

(7) Disapproval—USEPA disapproves Ohio Rule 3745-18-83, Emission Limitations for Summit County.

(8) No Action—EPA is neither approving nor disapproving the emission limitations for the following counties or sources pending further review: Adams County (Dayton Power & Light—Stuart), Allen County (Cairo Chemical), Butler County, Clermont County (Cincinnati Gas & Electric—Beckjord), Coshocton County (Columbus & Southern Ohio Electric—Conesville), Cuyahoga County, Franklin County, Gallia County (Ohio Valley Electric Company—Kyger Creek and Ohio Power—Gavin), Lake County (Ohio Rubber, Cleveland Electric Illuminating Company—Eastlake, and Painesville Municipal—Boiler #5), Lawrence County (Allied Chemical—South Point), Lorain County (Ohio Edison—Edgewater Plant, Cleveland Electric Illuminating Company—Avon Lake, U.S. Steel—Lorain, and B.F. Goodrich), Lucas County (Gulf Oil Company, Coulton Chemical Company, and Phillips Chemical Company), Mahoning County, Montgomery County (Bergstrom Paper and Miami Paper), Pike County (Portsmouth Gaseous Diffusion Plant), Stark County, Washington County (Shell Chemical Company), and Wood County (Libbey—Owens—Ford Plants Nos. 4 and 8 and No. 6).

(9) No Action—USEPA takes no action on the 30-day averaging provisions contained in the Toledo Edison Company's Bay Shore Station State Implementation Plan revision until a general review of 30-day averaging is complete.

(10) Approval—USEPA approves Condition #3 of the permits for the Coulton Chemical Plant in Toledo and the E.I. duPont de Nemours and Company plant in Miami, Ohio. This condition requires the installation and operation of continuous emission monitors for sulfur dioxide.

(11) *Approval.* USEPA approves Ohio's Good Engineering Stack Height Regulations as contained in Ohio Administrative Code Chapter 3745-16-01 and 02. These rules were adopted by the State

on February 12, 1986 and were effective on March 5, 1986.

(12) In a letter dated June 25, 1992, Ohio submitted a maintenance plan for sulfur dioxide in Morgan and Washington Counties.

(b) Regulations for the control of sulfur dioxide in the State of Ohio.

(1) *Definitions.* All terms used in this paragraph but not specifically defined below shall have the meaning given them in the Clean Air Act or parts 51, 52, or 60 of this chapter.

(i) *By-product coke oven gas* means the gas produced during the production of metallurgical coke in slot-type, by-product coke batteries.

(ii) *Flue gas desulfurization* means any pollution control process which treats stationary source combustion flue gas to remove sulfur oxides.

(iii) *Fossil fuel* means natural gas, refinery fuel gas, coke oven gas, petroleum, coal and any form of solid, liquid, or gaseous fuel derived from such materials.

(iv) *Fossil fuel-fired steam generating unit* means a furnace or boiler used in the process of burning fossil fuel for the purpose of producing steam by heat transfer.

(v) *Heat input* means the total gross calorific value (where gross calorific value is measured by ASTM Method D2015-66, D240-64, or D1826-64) of all fossil and non-fossil fuels burned. Where two or more fossil fuel-fired steam generating units are vented to the same stack the heat input shall be the aggregate of all units vented to the stack.

(vi) *Owner or operator* means any person who owns, leases, operates, controls, or supervises a facility, building, structure, or installation which directly or indirectly results or may result in emissions of any air pollutant for which a national standard is in effect.

(vii) *Primary zinc smelter* means any installation engaged in the production, or any intermediate process in the production, of zinc or zinc oxide from the zinc sulfide ore concentrates through the use of pyrometallurgical techniques.

(viii) *Process* means any source operation including any equipment, devices, or contrivances and all appurtenances thereto, for changing any ma-

terial whatever or for storage or handling of any materials, the use of which may cause the discharge oons within a structure, building, or shop shall be considered as a single process for purposes of this regulation.

(ix) *Process weight* means the total weight of all materials and solid fuels introduced into any specific process. Liquid and gaseous fuels and combustion air will not be considered as part of the process weight unless they become part of the product. For a cyclical or batch operation, the process weight per hour will be derived by dividing the total process weight by the number of hours from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle. For a continuous operation, the process weight per hour will be derived by dividing the process weight for the number of hours in a given period of time by the number of hours in that period. For fluid catalytic cracking units, process weight shall mean the total weight of material introduced as fresh feed to the cracking unit. For sulfuric acid production units, the nitrogen in the air feed shall not be included in the calculation of process weight.

(x) *Run* means the net period of time during which an emission sample is collected. Unless otherwise specified, a run may be either intermittent or continuous within the limits of good engineering practice as determined by the Administrator.

(xi) *Source operation* means the last operation preceding the emission of an air contaminant, which operation (a) results in the separation of the air contaminant from process materials or in the conversion of the process materials into air contaminants, as in the case of combustion of fuel; and (b) is not primarily an air pollution abatement operation.

(xii) *Stack* means any chimney, flue, vent, roof monitor, conduit or duct arranged to vent emissions to the ambient air.

(xiii) *Sulfur recovery plant* means any plant that recovers elemental sulfur from any gas stream.

(xiv) *Sulfuric acid production unit* means any facility producing sulfuric acid by the contact process by burning

elemental sulfur, alkylation acid, hydrogen sulfide, organic sulfides and mercaptans, or acid sludge.

(xv) *Total rated capacity* means the sum of the rated capacities of all fuel-burning equipment connected to a common stack. The rated capacity shall be the maximum guaranteed by the equipment manufacturer or the maximum normally achieved during use as determined by the Administrator, whichever is greater.

(2) *Test methods and procedures.* Unless specified below, the test methods and procedures used for determining compliance with the applicable paragraphs of § 52.1881(b) shall be those prescribed in part 60 of this chapter. Compliance tests shall be conducted under such conditions as the Administrator shall specify based on representative performance of the affected facility. Notification and recordkeeping procedures shall be those prescribed in § 60.7 of this chapter. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. A compliance test shall consist of at least three runs.

(i) The test methods and procedures used for determining compliance for any sulfur recovery plant subject to applicable paragraph, of § 52.1881(b) shall be those prescribed in § 60.46 of this chapter with the exception that the maximum amount of sulfur dioxide sampled by Method 6 shall not exceed 50 percent of the stoichiometric amount of hydrogen peroxide absorbent.

(ii) The test methods and procedures used for determining compliance for any sulfuric acid production unit, or any primary zinc smelter subject to the applicable paragraphs of § 52.1881(b) shall be those prescribed in § 60.85 of this chapter.

(iii) The test methods and procedure used to determine the compliance of any stack venting any fossil fuel-fired steam generating units subject to the applicable paragraphs of § 52.1881(b) shall be those prescribed in § 60.46 of this chapter.

(3) *Severability.* If any provision of these regulations or the application thereof to any person or circumstances is held to be invalid, such invalidity

shall not affect other provisions or application of any other part of these regulations which can be given effect without the invalid provisions or application, and to this end the provisions of these regulations and the various applications thereof are declared to be severable.

(4) *Submission of information.* The submission of any information required under § 52.1882 shall be made to the Director, Enforcement Division, U.S. Environmental Protection Agency, Region V, 230 South Dearborn, Chicago, Illinois, 60604, Attention Air Compliance Section.

(5) For purposes of this regulation, stack and boiler identification numbers used in this paragraph were derived from correspondence submitted to the U.S. EPA by the affected owners or operators, and may be found in the record supporting this rulemaking.

(6) This paragraph contains no applicable provisions in the following counties of Ohio: Ashland, Brown, Carroll, Champaign, Clinton, Darke, Defiance, Fayette, Fulton, Geauga, Guernsey, Hardin, Harrison, Highland, Hocking, Holmes, Jackson, Knox, Logan, Madison, Monroe, Morrow, Noble, Perry, Portage, Preble, Putnam, Shelby, Union, Van Wert, Warren, Williams, and Wyandot, nor does it apply to facilities equal to or less than 10 million BTU per hour total aggregate rated capacity of all units at a facility.

(7)-(10) [Reserved]

(11) In Adams County: (i) The Dayton Power and Light Company or any subsequent owner or operator of the Stuart Power Plant in Adams County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Stuart Plant in excess of 3.16 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(11)(i) of this section, the Dayton Power and Light Company may elect, in accordance with the compliance schedule provisions of § 52.1882, to comply with the emission limitations which will satisfy the following equation:

$$(A) 0.0791 (EL_1 + EL_2 + EL_3 + EL_4) 3 \leq 1$$

where EL_1 is the emission limitation (pounds per million BTU) per stack i

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and i is the stack number. For purposes of this regulation, each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2
3	3
4	4

(12) In Butler County: (i) No present or subsequent owner or operator unless otherwise specified in this subparagraph, of any fossil fuel-fired steam generating unit(s) located in Butler County, Ohio shall cause or permit sulfur dioxide emissions from any stack in excess of 1.40 pounds of sulfur dioxide per million BTU actual heat input. The fossil fuel-fired steam generating units at General Motors Corporation's Butler County plant, Armco's Hamilton plant, and Armco's Middletown plant are all exempted from this emission limitation in this subparagraph.

(ii) USEPA has rescinded the sulfur and sulfur dioxide emission limits for owners or operators of by-product coke ovens located in Butler County.

(iii) USEPA has rescinded the sulfur and sulfur dioxide emission limits for Armco Steel Company's Hamilton Plant located in Butler County.

(iv) USEPA has rescinded the sulfur dioxide emission limits for Armco Steel Company's Middletown Plant located in Butler County.

(v) The Champion Paper Company or any subsequent owner or operator of the Champion Paper facilities located in Butler County, Ohio shall not cause or permit emissions of sulfur dioxide from fossil fuel-fired steam-generating units numbered B010 and B020 in excess of 3.43 pounds of sulfur dioxide per million BTU actual heat input.

(13) In Clermont County: (i) The Cincinnati Gas & Electric Company or any subsequent owner or operator of the Beckjord Power Plant in Clermont County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Beckjord plant in excess of 2.02 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of paragraph (b)(19)(i) of this section, the Cincinnati Gas and Electric Company may elect, in accordance with the compliance schedule pro-

visions of § 52.1882, to comply with the emission limitations which will satisfy all of the following equations:

- (A) $0.1426 EL_1 + 0.1629 EL_2 + 0.0667 EL_3 + 0.0823 EL_4 + 0.0122 EL_5 \leq 1$
 (B) $0.1252 EL_1 + 0.1349 EL_2 + 0.1003 EL_3 + 0.1192 EL_4 + 0.0155 EL_5 \leq 1$
 (C) $0.0337 EL_1 + 0.0353 EL_2 + 0.0382 EL_3 + 0.0451 EL_4 + 0.0709 EL_5 \leq 1$
 (D) $0.1334 EL_1 + 0.1492 EL_2 + 0.0740 EL_3 + 0.0904 EL_4 + 0.0247 EL_5 \leq 1$
 (E) $0.0249 EL_1 + 0.0257 EL_2 + 0.0283 EL_3 + 0.0332 EL_4 + 0.0841 EL_5 \leq 1$

where EL_1 is the emission limitation (pounds per million BTU) per stack i and i is the stack number. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1
2	2
3	3
4	4
5	5, 6

(14) In Coshocton County: (i) The Columbus and Southern Ohio Power Company or any subsequent owner or operator of the Conesville Plant in Coshocton County, Ohio shall not cause or permit the emission of sulfur dioxide from any of the stacks 1, 2, and 3 at the Conesville Plant in excess of 5.66 pounds of sulfur dioxide per million BTU actual heat input. Stack 4 at the Conesville Plant is subject to New Source Performance Standards and is limited to 1.2 pounds of sulfur dioxide per million BTU actual heat input.

(ii) In lieu of meeting paragraph (b)(21)(i) of this section, the Columbus and Southern Ohio Power Company may elect for stacks 1, 2, and 3 only, in accordance with the compliance schedule provision of § 52.182, to comply with the emission limitations which will satisfy all of the following equations:

- (A) $0.0677 (EL_1 + 0.0411 EL_2) + 0.0065 EL_3 \leq 1$
 (B) $0.0707 (EL_1 + 0.0730 EL_2) + 0.0011 EL_3 \leq 1$
 (C) $0.0623 (EL_1 + 0.0767 EL_2) + 0.0013 EL_3 \leq 1$
 (D) $0.0565 (EL_1 + 0.0337 EL_2) + 0.0866 EL_3 \leq 1$
 (E) $0.0401 (EL_1 + 0.0683 EL_2) + 0.0026 EL_3 \leq 1$
 (F) $0.0410 (EL_1 + 0.1021 EL_2) + 0.0 EL_3 \leq 1$

where EL_1 is the emission limitation (pounds per million BTU) per stack i, and i is the stack number. For purposes

of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1, 2
2	3
3	4
4	5, 6

(15) In Cuyahoga County, no owner or operator, unless otherwise specified in this subparagraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified in paragraphs (b)(23) (i) and (ii) of this section.

(i) For fossil fuel-fired steam generating units between 10.0 MMBTU's per hour and 350 MMBTU's per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU of actual heat input shall be calculated by the following equation:

$$EL = 7.014 Q_m - 0.3014$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired units equal to or greater than 350 MMBTU per hour total rated capacity, the emission shall not exceed a rate of 1.20 pounds of sulfur dioxide per MMBTU of actual heat input.

(iii) The "E.I. DuPont de Nemours and Company" or any subsequent owner or operator of the "E.I. DuPont de Nemours and Company" facility located at 2981 Independence Road, Cleveland, Ohio, shall not cause or permit the following source to violate the limitation indicated:

(A) Sulfur burning contact process a maximum of 0.00 pounds of sulfur dioxide per ton of one hundred percent acid produced.

(B) (Reserved)

(iv) Master Metals Incorporated or any subsequent owner or operator of the "Master Metals Incorporated" facility located at 2850 West Third, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Blast furnace process; a maximum of 0.00 pounds of sulfur dioxide per ton of metal charged.

(B) Reverb furnace process; a maximum of 10.00 pounds of sulfur dioxide per ton of metal charged.

(v) Centerior Energy Corporation, or any subsequent owner or operator of the "Centerior Energy Corporation, Steam Heating Plant" facility located at 2274 Canal Road, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 34 through 38 to exceed a maximum of 1.38 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(vi) Centerior Energy Corporation, or any subsequent owner or operator of the "Centerior Energy Corporation, Steam Heating Plant" facility located at 1901 Hamilton Avenue, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Number 1 through 6 to exceed a maximum of 1.00 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(vii) Forest City Foundries, or any subsequent owner or operator of the "Forest City Foundries" facility located at 9401 Maywood Avenue, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Number 1 Cupola-North; a maximum of 0.00 pounds of sulfur dioxide per ton of metal charged.

(B) Number 2 Cupola-South a maximum of 0.00 pounds of sulfur dioxide per ton of metal charged.

(viii) Forest City Foundries, or any subsequent owner or operator of the "Forest City Foundries" facility located at 2500 West 27th Street, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Number 1 Cupola; a maximum of 0.00 pounds of sulfur dioxide per ton of metal charged.

(B) Number 2 Cupola; a maximum of 0.00 pounds of sulfur dioxide per ton of metal charged.

(ix) Harshaw Chemical Company, or any subsequent owner or operator of

the "Harshaw Chemical Company" facility located at 1000 Harvard Avenue, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Process Buss System; a maximum of 19.00 pounds of sulfur dioxide per ton of acid produced.

(B) (Reserved)

(x) Metal Blast, Incorporated, or any subsequent owner or operator of "Metal Blast, Incorporated" facility located at 871 East 67th Street, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the Whiting Model Number 7 Cupola to exceed a maximum of 0.00 pounds of sulfur dioxide per ton of metal charged.

(xi) LTV Steel Company, Inc., or any subsequent owner or operator of the "LTV Steel Company, Inc." facility located at 3100 East 45th Street, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the limitations indicated below and/or shall be restricted to specified fuel usages as indicated below:

(A) Boiler 234; Boiler 26, Boiler 27; Boiler 28; Boiler 29; Boiler 30; Boiler 31; Boiler 32; Boiler 33; Boiler 34; Stoves for Blast Furnaces C-1, C-2, C-3, C-4; 80" Hot Strip Mill Furnace 1, 2, 3; 84" Anneal Furnaces North and South; P Anneal Furnaces 1-4; and Coke Plant No. 2 Car Thaw: A maximum of 0.024 pounds of sulfur dioxide per MMBTU actual heat input from each stack, and each boiler is restricted to only burn natural gas and/or blast furnace gas.

(B) Boilers A, B and C: A maximum of 0.99 pounds of sulfur dioxide per MMBTU actual heat input from each boiler, and a maximum total emissions from the three boilers combined of 828 pounds of sulfur dioxide per hour (daily average).

(C) Boiler D: A maximum of 2.45 pounds of sulfur dioxide per MMBTU actual heat input and 1056 pounds of sulfur dioxide per hour (daily average).

(D) Boilers A-D: A maximum total emissions from the four boilers combined of 1258 pounds of sulfur dioxide per hour (daily average).

(E) Boiler 1 and 2: A maximum of 1.64 pounds of sulfur dioxide per MMBTU of actual heat input, and a maximum

total emissions from the two boilers combined of 315 pounds of sulfur dioxide per hour (daily average).

(F) Boiler 3: A maximum of 2.39 pounds of sulfur dioxide per MMBTU of actual heat and 686 pounds of sulfur dioxide per hour (daily average).

(G) Boilers A-D, 1-3: A maximum total emissions from the seven boilers combined of 1958 pounds of sulfur dioxide per hour (daily average).

(H) 84" Hot Strip Mill Furnaces 1, 2, and 3: A maximum of 1.26 pounds of sulfur dioxide per MMBTU of actual heat input from each furnace, and a maximum total emissions from the three furnaces combined of 1365 pounds of sulfur dioxide per hour (daily average).

(I) Stoves of Blast Furnaces C-5 and C-6: A maximum of 0.15 pounds of sulfur dioxide per MMBTU of actual heat input.

(J) Coke Batteries 1, 2, 3 and 4 Underfiring: 44" Soaking Pits 2-6; 45" Soaking Pits 11-15; No. 2 BOF; Foundry; and Coke Plant No. 1 Car Thaw: A maximum of 0.10 pounds of sulfur dioxide per MMBTU actual heat input (20 grains or less of hydrogen sulfide per 100 cubic feet of coke oven gas at standard conditions) from each stack.

(K) Coke Batteries 6 and 7 Underfiring: A maximum of 1.98 pounds of sulfur dioxide per MMBTU of actual heat input (390 grains of hydrogen sulfide per 100 cubic feet of coke oven gas at standard conditions) from each stack.

(L) No. 2 Coke Plant: Coke oven gas produced by the Coke Batteries Numbers 6 and 7 shall have a maximum of 390 grains of hydrogen sulfide per hundred dry standard cubic feet, and the total production of hydrogen sulfide in coke oven gas from the two batteries combined shall be a maximum of 470 pounds of hydrogen sulfide per hour (daily average).

(M) Fuel Oil Quality: Fuel oil combusted at the facility shall have a maximum of 0.525 pounds of sulfur per MMBTU heat content.

(N) Claus Desulfurization Plant: A maximum of 78 pounds of sulfur dioxide per hour.

(O) 10" Bar Mill; 12" Bar Mill; Open Hearth Plant; 96" Slab Mill, Units 1-5; Sinter Plant: A maximum of 0.00

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pounds of sulfur dioxide per MMBTU actual heat input.

(P) LTV Steel Company, Inc., shall collect and record the following information:

(1) Amounts of individual coke oven gas from the No. 1 Coke Plant, coke oven gas from the No. 2 Coke Plant, blast furnace gas, fuel oil, coal, and natural gas used for each day at each facility listed in paragraphs (b)(23)(xiv)(B) through (b)(23)(xiv)(H) of this section, and total production of coke oven gas from Number 2 Coke Plant.

(2) Daily average sulfur content and heating value for coal and oil used each day during each calendar quarter, as determined in accordance with 40 CFR part 60, Appendix A, Method 19, section 2, or equivalent methods approved by the Administrator.

(3) Daily average hydrogen sulfide content for coke oven gas used each day during each calendar quarter, as determined in accordance with 40 CFR part 60, appendix A, Method 11, or equivalent methods approved by the Administrator.

(4) Daily average sulfur content and heating value of blast furnace gas and natural gas shall be based upon testing performed once during each calendar quarter.

(5) Calculated sulfur dioxide emissions in pounds per MMBTU and pounds per hour using the information in paragraphs (b)(23)(xiv)(P)(1) through (b)(23)(xiv)(P)(4) at the facilities listed in paragraphs (b)(23)(xiv)(B) through (b)(23)(xiv)(H) of this section for each day.

(6) Calculated total hydrogen sulfide content of coke oven gas supplied by Number 2 Coke Plant.

(Q) Compliance with the provisions of paragraphs (b)(23)(xiv)(B) through (b)(23)(xiv)(H), (b)(23)(xiv)(L), and (b)(23)(xiv)(M) of this section shall be determined based on:

(1) Stack gas sampling, as specified in 40 CFR 60.46 (See § 52.1881 (b)(2)); or

(2) Information developed pursuant to paragraph (b)(23)(xiv)(P) of this section.

A finding of noncompliance by one of these methods cannot be refuted by a showing of compliance by the other method.

(R) Compliance with the provisions of all other paragraphs shall be determined based on stack gas sampling, as specified in 40 CFR 60.46 (See § 52.1881(b)(2)).

(S) LTV Steel Company, Inc. shall submit a written report to the U.S. Environmental Protection Agency, Region 5, within 30 days after the end of each calendar quarter which contains a description of each day during which the recorded sulfur dioxide, hydrogen sulfide, or fuel exceeded the pounds of sulfur dioxide per MMBTU, pounds of sulfur dioxide per hour, grains of hydrogen sulfide per 100 cubic feet, or total hydrogen sulfide production limits listed in paragraphs (b)(23)(xiv)(B) through (b)(23)(xiv)(H) and (b)(23)(xiv)(L) of this section. For each instance in which the applicable limit was exceeded, the report shall provide:

(1) The date of each excursion;

(2) The magnitude of the excursion;

(3) A statement identifying the probable cause or causes of the excursion; and

(4) A description of any corrective actions taken to prevent or mitigate the excursion.

The report shall also address any periods of measurement (or recording) system malfunction and, if appropriate, shall state that there are no instances of any excursion during the reporting period.

(xii) Aluminum Company of America, or any subsequent owner or operator of the "Aluminum Company of America" facility located at 1600 Harvard Avenue, Cuyahoga Heights, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 1 through 5 to exceed a maximum of 5.2 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xiii) Standard Oil Company (Ohio), or any subsequent owner or operator of the "Standard Oil Company (Ohio), Cleveland Asphalt Plant" facility located at 2635 Broadway Avenue, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 7, 9, and 10 to exceed 0.00 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xiv) Medical Center Company, or any subsequent owner or operator of

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the "Medical Center Company" facility located at 2250 Circle Drive, Cleveland, Ohio, shall not cause or permit the following sources to violate the limitations indicated:

(A) Boiler Numbers 1 and 2 shall only burn natural gas.

(B) Boiler Numbers 3, 4, 7 and 8 are limited to a maximum of 4.6 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xv) Hupp, Incorporated, or any subsequent owner or operator of the "Hupp, Incorporated" facility located at 1135 Ivanhoe Road, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 1 through 3 to exceed a maximum of 3.50 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xvi) The Cleveland Water Department, or any subsequent owner or operator of the "Cleveland Water Department, Division Pumping Station" facility located at 1245 West 45th Street, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 1 through 6 to exceed 4.20 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xvii) Ford Motor Company, or any subsequent owner or operator of the "Ford Motor Company, Cleveland Engine Plant Number 2" facility located at 18300 Five Points Road, Brookpark, Ohio, shall not cause or permit the emission of sulfur dioxide from Boilers Numbers 1 through 5 to exceed a maximum of 4.2 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xviii) Ford Motor Company, or any subsequent owner or operator of the "Ford Motor Company, Cleveland Casting Plant" facility located at 5600 Engle Road, Brookpark, Ohio, shall not cause or permit the emission of sulfur dioxide from each of Numbers 1 through 7 Cupola to exceed a maximum of 6.00 pounds of sulfur dioxide per ton of actual process weight input.

(xix) Chase Bag Company, or any subsequent owner or operator of the "Chase Bag Company" located at 218 Cleveland Street, Chagrin Falls, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 1 and 2 to exceed a maximum of 4.20

pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xx) General Electric Company or any subsequent owner or operator of the "General Electric Power Plant" facility located at Nela Park, East Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 1 and 4 to exceed a maximum of 1.60 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xxi) General Electric Company, or any subsequent owner or operator of the "General Electric Company" facility located at 21800 Tungsten Road, Euclid, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Boiler Number 1; a maximum of 1.00 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(B) Boiler Number 4; a maximum of 1.60 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xxii) Addressograph Multigraph or any subsequent owner or operator of the "Addressograph Multigraph" facility located at 1200 Babbitt Road, Euclid, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Numbers 1 through 3 to exceed a maximum of 0.00 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xxiii) Allied Chemical Corporation, or any subsequent owner or operator of the "Allied Chemical Corporation" facility located at 5000 Warner Road, Garfield Heights, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated.

(A) Number 5 Unit Sulfuric Acid; a maximum of 4.80 pounds of sulfur dioxide per ton of one hundred percent acid produced.

(B) Number 6 Unit Sulfuric Acid; a maximum of 4.80 pounds of sulfur dioxide per ton of one hundred percent acid produced.

(xxiv) Lear Siegler, Incorporated, or any subsequent owner or operator of the "Lear Siegler, Incorporated" facility located at 17600 Broadway, Maple

Heights, Ohio, shall not cause or permit the emission of sulfur dioxide from Boiler Number 1 to exceed a maximum of 0.00 pounds of sulfur dioxide per MMBTU actual heat input.

(xxv) Chevrolet Motor Division, or any subsequent owner or operator of the "Chevrolet Motor Division" facility located at Stumph Road and Brookpark, Parma, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Boiler Numbers 1 and 2; a maximum of 1.53 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(B) Boiler Numbers 3 and 4; a maximum of 1.8 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xxvi) Ford Motor Company, or any subsequent owner or operator of the "Ford Motor Company, Cleveland Stamping Plant" facility located at 7845 Northfield Road, Walton Hills, Ohio, shall not cause or permit the emission of sulfur dioxide from Boilers Numbers 1 through 3 to exceed a maximum of 1.2 MMBTU actual heat input from each boiler.

(xxvii) Highland View Cuyahoga County Hospital, or any subsequent owner or operator of the "Highland View Cuyahoga County Hospital" facility located at 3901 Ireland Drive, Warrensville Township, Ohio, shall not cause or permit the emission of sources to exceed the amounts indicated:

(A) Boiler Numbers 1 and 2; a maximum of 1.50 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(B) Boiler Numbers 3 and 4; a maximum of 2.90 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xxviii) Centerior Energy Corporation, or any subsequent owner or operator of the "Centerior Energy Corporation, Lake Shore Plant" facility located at 6800 South Marginal Drive, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Boiler Numbers 91 through 94; a maximum of 1.90 pounds of sulfur dioxide

per MMBTU actual heat input from each boiler.

(B) Boiler Number 18; a maximum of 1.30 pounds of sulfur dioxide per MMBTU actual heat input.

(xxix) United States Steel Corporation, or any subsequent owner or operator of the "United States Steel Corporation, Cuyhoga Works" facility located at 4300 East 49th Street, Cuyhoga Heights, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Boiler Numbers 1 and 2; a maximum of 0.5 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(B) Boiler Numbers 3 through 7; a maximum of 1.30 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(xxx) United States Steel Corporation, or any subsequent owner or operator of the "United States Steel Corporation, Lorain-Cuyahoga Works" facility located at 2650 Broadway Avenue, Cleveland, Ohio, shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Boiler Numbers 1 through 6; a maximum of 0.00 pounds of sulfur dioxide per MMBTU actual heat input from each boiler.

(B) Blast Furnace Numbers D-6 and A; a maximum of 0.00 pounds of sulfur dioxide per ton of iron produced.

(xxxi) Reilly Industries, Inc., or any subsequent owner or operator of the "Reilly Industries, Inc." facility located at 3201 Independence Road, Cleveland, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(A) Still Numbers 3 through 7; a maximum of 2.7 pounds of sulfur dioxide per ton of coal tar processed.

(B) [Reserved]

(xxxii) No owner or operator of any process equipment, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide from any stack in excess of 6.00 pounds of sulfur dioxide per ton of actual process weight input.

(16) In Franklin County, no owner or operator of the following types of facilities unless otherwise specified in this paragraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating unit between 10.0 and 50.0×10^6 BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL = 8.088 Q_m - 0.4307$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) equal to or greater than 50.0×10^6 BTU per hour total rated capacity of heat input, the emission limitation shall be 1.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The present or any subsequent owner or operator of the Columbus State Institution in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 3.80 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Columbus State Hospital in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 4.10 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of Ross Laboratory in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 4.80 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The present or any subsequent owner or operator of the Rickenbacker Air Force Base in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.20 pounds of sulfur dioxide per million BTU actual heat input.

(vii) The present or any subsequent owner or operator of the Capital City Products facility in Franklin County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 3.10 pounds of sulfur dioxide per million BTU actual heat input.

(viii) The present or any subsequent owner or operator of the Westinghouse Electric facility in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.20 pounds of sulfur dioxide per million BTU actual heat input.

(ix) (A) The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant in Franklin County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 1.06 pounds of sulfur dioxide per million BTU actual heat input.

(B) In lieu of meeting § 52.1881(b)(27)(ix)(A), the present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant may elect to comply with the alternate emission limitation and operating conditions specified below.

(1) The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant shall not cause or permit the emission of sulfur dioxide from any stack in excess of 3.65 pounds of sulfur dioxide per million BTU actual heat input provided that such stacks be greater than or equal to 44.5 meters in height and that the combined maximum boiler design capacity be limited to 177 million BTU per hour by installation of a lock-out system on the boiler coal-feeders. The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant shall keep a permanent log on the lock-out system and record any problems with the system in the log. This log shall be available for inspection by the EPA. This log shall be in lieu of the reporting and monitoring requirements of § 52.1882(g).

(2) The present or any subsequent owner or operator of the Naval Weapons Industrial Reserve Plant shall be permitted to operate its five boilers

(#1, 2, 3, 5a or 5b) in only one of the following three configurations at any given time:

(i) Any two of boilers 1, 2, or 3 on; the remaining three boilers off.

(ii) Boilers 5a and 5b on; boilers 1, 2, and 3 off.

(iii) Boiler 5b and any one of boilers 1, 2, or 3 on; the remaining three boilers off.

(3) In the event that the Naval Weapons Industrial Reserve Plant elects to comply with the alternate emission limitation and operating configurations in § 52.1881(b)(27)(ix)(B) (1) and (2) and vents its boilers through stacks great on the boiler coal-feeders such that the combined maximum boiler design capacity is limited to 177 MMBTU/hr, all such action shall be taken within 30 weeks of (the effective date of promulgation). The Administrator must be notified in writing that all such action was taken within five working days of its completion.

(x) No owner or operator of any primary zinc smelter shall cause or permit the emission of sulfur dioxide from the plant in excess of the amount prescribed by the following equation:

$$Y=0.564X^{0.85}$$

where X is the total sulfur feed expressed as elemental sulfur in the smelter input stream in lbs/hour and Y is the allowable sulfur dioxide emission rate in lbs/hour from all stacks combined.

(xi) Except as provided in paragraph (b)(27)(x) of this section, no owner or operator of any process equipment shall cause or permit the emission from any stack into the atmosphere of any process gas stream containing sulfur dioxide in excess of 2.40 pounds of sulfur dioxide per ton of actual process weight input.

(17) In Gallia County: (i) The Ohio Power Company or any subsequent owner or operator of the Gavin Power Plant in Gallia County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Gavin facility in excess of 7.41 pounds per million Btu actual heat input.

(ii) The Ohio Valley Electric Company or any subsequent owner or operator of the Kyger Creek Power Plant in Gallia County, Ohio shall not cause or

permit the emission of sulfur dioxide from any stack at the Kyger Creek facility in excess of 8.20 pounds of sulfur dioxide per million BTU actual heat input.

(18) In Lake County, no owner or operator of the following types of facilities, unless otherwise specified in this subparagraph, shall cause or permit emissions from stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and $1000+10^6$ BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL=14.976Q_m-0.3431$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) equal to or greater than $1000+10^6$ BTU per hour total rated capacity of heat input, 1.40 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The present or any subsequent owner or operator of the Ohio Rubber Company facility in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the facility in excess of 6.00 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Painesville Municipal Power Plant in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) For boilers 1 through 4: 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(B) Boiler number 5 is subject to New Source Performance Standards and is limited to 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of the Erie Coke and Chemical Company facility in Lake County, Ohio shall not cause or permit the combustion of by-product coke

oven gas for coke oven underfiring containing a total sulfur content expressed as hydrogen sulfide in excess of 450 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas. All existing boilers previously owned by Diamond Shamrock will remain at 0.0 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The Cleveland Electric Illuminating Company, or any subsequent owner or operator of the Eastlake Plant in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Eastlake Plant in excess of 5.64 pounds of sulfur dioxide per million BTU actual heat input. Recordkeeping and reporting requirements and compliance test methods are those found at paragraph (b)(2) of this section.

(vii) [Reserved]

(viii)(A) The Lubrizol Corporation, or any subsequent owner or operator of the Lubrizol facilities located in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Lubrizol facility in excess of 20.00 pounds of sulfur dioxide per ton of actual process weight input.

(B) The Lubrizol Corporation, or any subsequent owner or operator of the Lubrizol facilities located in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack for boilers 1, 2 or 3 at the Lubrizol facility in excess of 0.55 pound of sulfur dioxide per million BTU actual heat input.

(ix) The Republic Steel Corporation, or any subsequent owner or operator of the Republic Steel facilities located in Lake County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Republic Steel facility in excess of 4.21 pounds of sulfur dioxide per ton of actual process weight input.

(19) In Lawrence County: (i) The Allied Chemical Company or any subsequent owner or operator of the Specialty Chemicals Division in Lawrence County, Ohio, shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit in excess of 5.52 pounds of sulfur dioxide per million BTU actual heat input.

(ii) [Reserved]

(20) In Lorain County, no owner or operator, unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 100 million BTU per hour total rated capacity of heat input, the maximum allowable emission rate from any stack shall be calculated by the following equation:

$$EL = 21.176Q_m - 0.5477$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units equal to or greater than 100 million BTU per hour total rated capacity of heat input, the maximum allowable emission rate from any stack shall be 1.70 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The Cleveland Electric Illuminating Company, or any subsequent owner, or operator of the Avon Lake Plant in Lorain County, Ohio, shall not cause or permit the emission of sulfur dioxide in pounds per million BTU actual heat input from any stack at the Avon Lake Plant in excess of the rates specified below:

*Stack No. Boiler identification and
Emission Limit (lbs/MMBTU)*

Stack 1 (Boilers 1,2)=0.32
Stack 2 (Boilers 3,4)=0.32
Stack 3 (Boilers 5,6)=0.32
Stack 4 (Boilers 7,8)=0.32
Stack 9 (Boilers 9,10)=4.65
Stack 7 (Boiler 11)=4.65
Stack 8 (Boiler 12)=4.65

Recordkeeping and reporting requirements and compliance test method are those found at paragraph (b)(2) of this section.

(iv) [Reserved]

(v) The Cleveland Electric Illuminating Co. or any subsequent owner or operator of the Edgewater Plant located in Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Edgewater facility in excess of 3.40 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The United States Steel Corporation or any subsequent owner or operator of the United States Steel facilities in Lorain County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at those facilities in excess of:

(A) For fossil fuel-fired steam generating units number 001 through 009: 1.20 pounds of sulfur dioxide per million BTU of actual heat input.

(B) For fossil fuel-fired steam generating units number 010 through 012: 1.98 pounds of sulfur dioxide per million BTU of actual heat input.

(C) For fossil fuel-fired steam generating unit number 013: 0.31 pound of sulfur dioxide per million BTU of actual heat input.

(D) For all other fossil fuel-fired steam generating units, paragraph (b)(38)(i) or (b)(38)(ii) of this section shall apply, as applicable.

(vii) The United States Steel Corporation or any subsequent owner or operator of the United States Steel facilities in Lorain County, Ohio, shall not cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 368 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas and shall not cause or permit the emission of sulfur dioxide from any stack in excess of 1.98 pounds of sulfur dioxide per million BTU of actual heat input.

(viii) The General Motors Corporation or any subsequent owner or operator of the Fisher Body Plant at Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Fisher Body Plant in excess of the rates specified below:

(A) 0.80 pound of sulfur dioxide per million BTU of actual heat input for boilers number 001 and 002.

(B) 0.90 pound of sulfur dioxide per million BTU of actual heat input for boiler number 004.

(C) For all other fossil fuel-fired steam generating units, paragraph (b)(38)(i) or (38)(ii) of this section, shall apply, as applicable.

(ix) Oberlin College or any subsequent owner or operator of the Oberlin College facility in Lorain County, Ohio

shall not cause or permit the emission of sulfur dioxide in excess of the rates specified below:

(A) 6.92 pounds of sulfur dioxide per million BTU of actual heat input for coal-fired boilers No. 1 and 2.

(B) 0.35 pounds of sulfur dioxide per million BTU of actual heat input for oil-fired boiler No. 3.

(x) The B. F. Goodrich Company or any subsequent owner or operator of the facility in Lorain County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of the rates specified below:

(A) 129.0 nanograms of sulfur dioxide per joule (0.30 lbs. SO₂/MMBTU) of actual heat input for oil-fired boilers number 1, 2, 5, and 6.

(B) 2237.1 nanograms of sulfur dioxide per joule (5.20 lbs. SO₂/MMBTU) of actual heat input for coal-fired boilers number 3 and 4.

(21) In Lucas County, no owner or operator of the following types of facilities, unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units burning coal the emission rate shall be 1.50 pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units burning oil the emission rate shall be 1.00 pound of sulfur dioxide per million BTU actual heat input.

(iii) The Toledo Edison Company or any subsequent owner or operator of the Bay Shore Station in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Bay Shore Station in excess of the rates specified below:

(A) 834.6 nanograms of sulfur dioxide per joule (1.94 lbs SO₂/MMBTU) actual heat input for the fossil fuel-fired steam generating units burning coal.

(B) 215.1 nanograms of sulfur dioxide per joule (0.50 lbs SO₂/MMBTU) actual heat input for the fossil fuel-fired peaking unit burning oil.

(iv) Standard Oil of Ohio or any subsequent owner or operator of the Standard Oil of Ohio facility located in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 0.29 pound of sulfur dioxide per million BTU actual heat input for all process heaters and fossil fuel-fired steam-generating units unless otherwise specified in this subparagraph.

(B) 1.00 pound of sulfur dioxide per million BTU actual heat input for process heaters or fossil fuel-fired steam-generating units numbered B024.

(C) 0.50 pound of sulfur dioxide per million BTU actual heat input for process heater or fossil fuel-fired steam-generating unit number B021.

(D) 0.57 pounds of sulfur dioxide per million BTU actual heat input for process heaters or fossil fuel-fired steam-generating units numbered B009, B010, B020, B023, and B025.

(E) 0.92 pound of sulfur dioxide per 1,000 pounds of charging stock for catalytic cracking units and CO boilers connected to a common stack.

(F) 0.40 pound of sulfur dioxide per ton of actual process weight input for any process.

(v) [Reserved]

(vi) The Coulton Chemical Company or any subsequent owner or operator of the Coulton Chemical facility in Lucas County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at the Coulton Chemical facility in excess of the rates specified below:

(A) 0.00 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel fired steam generating units or process heaters.

(B) 6.50 pounds of sulfur dioxide per ton of 100 percent sulfuric acid produced for sulfuric acid production units.

(vii) The Toledo Edison Company or any subsequent owner or operator of the Acme Power Plant in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Acme plant in excess of the rates specified below:

(A) 516.2 nanograms of sulfur dioxide per joule (1.20 lbs SO₂/MMBTU) actual heat input for fossil fuel-fired steam generating units burning coal.

(B) 1.00 pound of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units burning oil.

(viii) Gulf Oil or any subsequent owner or operator of the Gulf Oil facility in Lucas County, Ohio shall not

cause or permit sulfur dioxide emissions from any stack at the Gulf Oil facility in excess of the rates specified below:

(A) 0.90 pound of SO₂ per million BTU actual heat input for fossil fuel-fired steam generating units numbered B001, B002, B003 and B004.

(B) 1.03 pounds of SO₂ per million BTU actual heat input for process heaters or fossil fuel-fired steam generating units numbered B005, B006, and B013.

(C) 1.21 pounds of SO₂ per million BTU actual heat input for process heater numbered B009 and for the stack connecting process heaters numbered B007 and B008.

(D) 1.29 pounds of SO₂ per million BTU actual heat input for process heater number B014.

(E) 1.57 pounds of SO₂ per 1,000 pounds of charging stock for catalytic cracking unit P003 and CO boiler B016 connected to the same stack.

(F) 200 pounds of SO₂ per 2,000 pounds of sulfur processed for sulfur recover plant P005.

(G) Gulf Oil or any subsequent owner or operator of these facilities located in Lucas County, Ohio, shall not cause or permit the combustion of refinery fuel gas at process heaters numbered B010, B011, B012, B015 and for the waste heat boiler stack connecting process heaters numbered B017, B018, B019 and B020 containing a total sulfur content expressed as hydrogen sulfide in excess of 10 grains of hydrogen sulfide per 100 dry standard cubic feet of refinery fuel gas or the emission of SO₂ from any stack of the above units in excess of 0.04 pound of SO₂ per million BTU actual heat input.

(H) Gulf Oil or any subsequent owner or operator of the Gulf Oil facilities located in Lucas County, Ohio shall operate only one of the units numbered B001, B002, B003, and B004 simultaneously with the 3 units numbered B005, B006 and B016.

(I) Gulf Oil or any subsequent owner or operator of the Gulf Oil facilities located in Lucas County, Ohio, shall not operate more than two of the units numbered B001, B002, B003, and B004 simultaneously with two of the units numbered B005, B006 and B016.

(J) Gulf Oil or any subsequent owner or operator of the Gulf Oil facilities located in Lucas County, Ohio shall limit the simultaneous operation of B001, B002, B003, and B004 to the operating configurations specified in paragraphs (b)(39)(viii) (H) and (I) of this section.

(ix) The Toledo Edison Company or an subsequent owner or operator of the Water Street Steam Plant in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Water Street Plant in excess of 430.2 nanograms of sulfur dioxide per joule (1.00 lbs SO₂ per MMBTU) actual heat input.

(x) Phillips Petroleum Company or any subsequent owner or operator of the Toledo Philblack Plant in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Toledo Philblack Plant in excess of the rates specified below:

(A) 4.67 pounds of sulfur dioxide per million BTU actual heat input for any process dryer.

(B) 4.99 pounds of sulfur dioxide per million BTU actual heat input for all fossil fuel-fired steam-generating units, processes and incinerator unless otherwise specified in this paragraph.

(xi) Interlake Incorporated or any subsequent owner or operator of the Interlake Incorporated facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 43.0 nanograms of sulfur dioxide per joule (0.10 lbs SO₂ MMBTU) actual heat input for the fossil fuel-fired steam-generating units and the combined maximum hourly allowable heat input rate shall not exceed 300 million BTUs per hour.

(xii) Nabisco or any subsequent owner or operator of the Nabisco facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(xiii) The Toledo Hospital or any subsequent owner or operator of the Toledo Hospital in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of 3.50 pounds of sulfur di-

oxide per million BTU actual heat input.

(xiv) Sun Petroleum Products Company or any subsequent owner or operator of the Sun Petroleum Products Company facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Sun facility in excess of the rates specified below:

(A) Unless otherwise specified in this paragraph, the combustion of refinery fuel gas containing a total sulfur content expressed as hydrogen sulfide in excess of 10 grains of hydrogen sulfide per 100 dry standard cubic feet of refinery fuel gas or the emission of sulfur dioxide from any stack at this facility in excess of 0.04 pounds of sulfur dioxide per million BTU actual heat input.

(B) 0.0 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units or process operation heaters numbered 502, 1901, 1902, 1903, 1904, 1905, and 1906.

(C) 3.00 pounds of sulfur dioxide per 1,000 pounds of charging stock for catalytic cracking units and CO boilers connected to the same stack.

(D) 1.80 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating unit numbered 1910.

(E) 1.60 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater units numbered 507 and 508.

(F) 1.50 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater unit numbered 301.

(G) 1.40 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater units numbered 9401.

(H) 1.10 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater units numbered 501 and 503.

(I) 0.90 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired process heater unit numbered 304.

(J) 70 pounds of sulfur dioxide per 1,000 pounds of sulfur processed for sulfur recovery plants.

(K) Fossil fuel-fired process heater units numbered 501 and 503 will not be operated simultaneously with Fossil

fuel-fired process heater unit number 507.

(xv) Seneca Petroleum or any subsequent owner or operator of the Seneca Petroleum facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at the Seneca Petroleum facility in excess of 1.20 pounds of sulfur dioxide per million BTU actual heat input.

(xvi) The Koppers Company Incorporated or any subsequent owner or operator of the Koppers facility in Lucas County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the rates specified below:

(A) 111.8 nanograms of sulfur dioxide per joule (0.26 lbs. SO₂ MMBTU) actual heat input for the two new fossil fuel-fired steam-generating units.

(B) 1.69 kilogram of sulfur dioxide per metric ton (3.38 lbs. SO₂ per ton) of actual process weight input for the coke battery.

(22) In Mahoning County, no owner or operator, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide in excess of the rates specified below:

(i) For fossil fuel-fired steam-generating units: 0.50 pound of sulfur dioxide per million BTU of actual heat input.

(ii) For process operations: 1.00 pound of sulfur dioxide per ton of actual process weight input.

(iii) No owner or operator shall cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 135 grains hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 0.68 pound of sulfur dioxide per million BTU actual heat input.

(iv) The Ohio Edison Company or any subsequent owner or operator of the North Avenue Steam Plant located in Mahoning County shall not cause or permit the emission of sulfur dioxide from any stack at the North Avenue Steam Plant in excess of 4.75 pounds of sulfur dioxide per million BTU of actual heat input.

(v) Lonardo & Sons Greenhouse or any subsequent owner or operator of the Lonardo & Sons Greenhouse facili-

ties located in Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at Lonardo & Sons Greenhouse in excess of 2.00 pounds of sulfur dioxide per million BTU actual heat input.

(vi) Whiteacre-Greer Fireproofing or any subsequent owner or operator of the Whiteacre-Greer facilities located at Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at Whiteacre-Greer in excess of 20 pounds of sulfur dioxide per ton of actual process weight input.

(vii) The Koppers Company or any subsequent owner or operator of the Koppers Company facilities located in Mahoning County, Ohio, shall not cause or permit the emission of sulfur dioxide from the stack connected to boiler number 3 in excess of 4.0 pounds of sulfur dioxide per million BTU actual heat input.

(viii) The Youngstown Sheet and Tube Company or any subsequent owner or operator of the Brier Hill Works located in Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 0.00 pound sulfur dioxide per million BTU actual heat input.

(ix) The Youngstown Sheet and Tube Company or any subsequent owner or operator of the Campbell and Struthers Works located in Mahoning County, Ohio shall not cause or permit the emission of sulfur dioxide except as specified below:

(A) 2.67 pounds of sulfur dioxide per million BTU actual heat input from any stack at the coke plant.

(B) For the seamless mills, paragraphs (b)(40)(ix)(B) (1), (2) or (3) of this section apply in conjunction with paragraph (b)(40)(ix)(B) (4) of this section.

(1) 2.67 pounds of sulfur dioxide per million BTU actual heat input from any stack when coke oven gas is being combusted.

(2) When mixed gases are being combusted the maximum allowable emission limit from each stack shall be determined by the following equation:

$$EL = BF \times 2.67 \text{ lbs SO}_2/\text{MMBTU}$$

$$BF = \frac{\text{BTU content of coke oven gas}}{\text{BTU content of combined gas}}$$

(3) 18.68 pounds of sulfur dioxide per ton of process weight from any stack when any fuel is being combusted.

(4) 2309 tons of sulfur dioxide per any 365 day period from the seamless mills as a whole.

(C) For the boilerhouse, paragraphs (b)(40)(ix)(C) (1), (2), (3), (4) or (5) of this section apply in conjunction with paragraph (b)(40)(ix)(C) (6) of this section.

(1) 2.67 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when coke oven gas is being combusted.

(2) When mixed gases are being combusted the maximum allowable emission limit from each stack shall be determined by the following equation:

$$EL = BF \times 2.67 \text{ lbs SO}_2/\text{MMBTU}$$

$$BF = \frac{\text{BTU content of coke oven gas (from any boiler unit)}}{\text{BTU content of combined gas}}$$

(3) 1.06 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when fuel oil is being combusted.

(4) 0.93 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when tar is being combusted.

(5) 4.77 pounds of sulfur dioxide per million BTU actual heat input from any boiler unit when coal is being combusted.

(6) 4747 tons of sulfur dioxide per any continuous 365 day period from the boilerhouse as a whole plus the fraction of the 365 day period emission limitation for the seamless mills not consumed by emissions from the seamless mills in the same 365 day period.

(23) In Montgomery County, no owner or operator of any fossil fuel-fired steam generating unit(s), unless otherwise specified in this paragraph, shall cause or permit sulfur dioxide emissions in excess of the rates specified below:

(i) 1.60 pounds sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam generating units.

(ii)-(vii) [Reserved]

(viii) No owner or operator of any process equipment shall cause or permit the emission from any stack any process gas stream containing sulfur dioxide in excess of 2.60 pounds of sulfur dioxide per ton of actual process weight input.

(24) The Portsmouth Gaseous Diffusion Plant in Pike County or any subsequent owner or operator of its fossil fuel-fired steam generating unit shall not cause or permit the emission of sulfur dioxide from any stack in excess of 2650.1 nanograms of sulfur dioxide per joule (6.16 lbs. SO₂/MMBTU).

(25) In Ross County, the Mead Corporation or any subsequent owner or operator of the Mead Corporation facilities at Ross County, Ohio shall not cause or permit emission of sulfur dioxide from any stack in excess of the following rates:

(i) 4.90 pounds of sulfur dioxide per ton of actual solids input.

(ii) 0.00 pound of sulfur dioxide per million BTU actual heat input for stacks 1, 2, 3, and 4. For purposes of this regulation each stack is identified as follows:

Stack No.	Boiler identification
1	1.
2	2.
3	3.
4	Chilpalco No. 5.

(26) In Sandusky County: (i) The Martin Marietta Company or any subsequent owner or operator of the Martin Marietta facilities in Sandusky County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack in excess of 15.42 pounds of sulfur dioxide per ton of actual process weight input.

(ii) [Reserved]

(27) In Stark County, no owner or operator of the following types of facilities, unless otherwise specified in this paragraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 60.0 million BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

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$$EL = 18.48Q_m - 0.4886$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units equal to or greater than 60 million BTU per hour total rated capacity of heat input: 2.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) Republic Steel Corporation or any subsequent owner or operator of the Massillon facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit stack at the Massillon facility in excess of 4.40 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Massillon State Hospital facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of the Grief Board Company facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.50 pound of sulfur dioxide per million BTU actual heat input.

(vi) The present or subsequent owner or operator of the Timken Company facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam-generating unit(s) stack at this facility in excess of the rates specified below:

(A) 3.08 pounds of sulfur dioxide per million BTU actual heat input for the stack common to the fossil fuel-fired steam-generating units B001 and B002 at the Canton plant.

(B) 0.93 pounds of sulfur dioxide per million BTU actual heat input for the fossil fuel-fired steam-generating unit B003 at the Canton plant.

(C) 0.0 pounds of sulfur dioxide per million BTU actual heat input for the fossil fuel-fired steam-generating units B003 and B004 at the Gambrinus Plant.

(D) 0.67 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units at the Gambrinus Plant unless otherwise specified in this paragraph.

(vii) No owner or operator of any by-product coke oven operating in Stark County, Ohio shall cause or permit the combustion of by-product coke oven gas containing a total sulfur content expressed as hydrogen sulfide in excess of 350 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 1.70 pounds of sulfur dioxide per million BTU actual heat input.

(viii) No owner or operator of any process equipment in Stark County, Ohio shall cause or permit the emission of sulfur dioxide from any stack in excess of 80.0 pounds of sulfur dioxide per ton of actual process weight input.

(ix) The Ashland Oil Company, or any subsequent owner or operator of the Ashland Oil Company facilities in Stark County, Ohio shall not cause or permit sulfur dioxide emissions from any stack at this facility in excess of the emission limitations listed below:

(A) 0.025 pounds of sulfur dioxide per million BTU actual heat input for units 4-0-B-3, 4-2-B-1, 4-2-B-2, and 4-27-B-1.

(B) 1.00 pounds of sulfur dioxide per million BTU actual heat input for all process heaters and fossil fuel-fired steam-generating units unless otherwise specified in this paragraph.

(C) 0.62 pounds of sulfur dioxide per 1,000 pounds of charging stack for catalytic cracking units.

(D) 2.00 pounds of sulfur dioxide per 100 pounds of sulfur processed for sulfur recovery plants.

(E) Only two of the following three units may be operated simultaneously: 4-16-B-1, 4-16-B-2, and 4-16-B-12.

(x) The present or any subsequent owner or operator of the Hoover Co. in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide in excess of 8.0 pounds of sulfur dioxide per million BTU actual heat input for the coal-fired boiler and 0.4 pounds of sulfur dioxide per million BTU actual heat input for the gas-fired boiler.

(28) In Summit County, no owner or operator of the following types of facilities, unless otherwise specified in this subparagraph, shall cause or permit emissions of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 300 million BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL = 17.55 Q_m - 0.3933$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating unit(s) equal to or greater than 300 million BTU per hour total rated capacity of heat input, 1.80 pounds of sulfur dioxide per million BTU actual heat input.

(iii) The present or any subsequent owner or operator of the Diamond Crystal facility in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from coal-fired boilers at this facility in excess of 4.72 pounds of sulfur dioxide per million BTU of actual heat input or the emission of sulfur dioxide from oil-fired boilers at this facility in excess of 0.30 pound of sulfur dioxide per million BTU of actual heat input.

(iv) The present or any subsequent owner or operator of the Kittinger Supply Co. (formerly known as Akwell Industries) facility in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from oil-fired —oilers at this facility in excess of 0.80 pound of sulfur dioxide per million BTU of actual heat input or the emission of sulfur dioxide from coal-fired boilers at this facility in excess of 2.38 pounds of sulfur dioxide per million BTU of actual heat input.

(v) The present or subsequent owner or operator of the Ohio Brass Company facilities in Summit County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 4.20 pounds of sulfur dioxide per million BTU actual heat input.

(vi) The present or subsequent owner or operator of the Seiberling Rubber Co. facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 1.46 pounds of sulfur dioxide per million BTU actual heat input.

(vii) The present or subsequent owner or operator of the Firestone Tire & Rubber Co. facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 1.76 pounds of sulfur dioxide per million BTU of actual heat input from boiler 21 when oil fired and 2.87 pounds of sulfur dioxide per million BTU of actual heat input from boilers 22 and 23 when coal fired.

(B) In lieu of meeting paragraph (59)(vii)(A) of this paragraph (b), the Firestone Tire and Rubber Co. may elect to comply with the alternate emission limitation of 2.20 pounds of sulfur dioxide per million BTU of actual heat input from boilers 21, 22, and 23 when all are oil fired.

(C) Firestone Tire & Rubber Co. or any subsequent owner or operator of the Firestone Tire & Rubber facilities located in Summit County, Ohio, shall operate no more than two of the boilers, 21, 22, or 23 simultaneously whether complying with either § 52.1881 (b) (59) (vii) (A) or § 52.1881 (b) (59) (vii) (B).

(viii) The present or subsequent owner or operator of the B. F. Goodrich Co. facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 0.51 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 31.

(B) 7.0 pounds of sulfur dioxide per million BTU actual heat input for coal-fired Boilers #27 and #32.

(C) The B. F. Goodrich Co. or any subsequent owner or operator of the B. F. Goodrich facilities in Summit County, Ohio, shall not operate boiler 27 simultaneously with boiler 32.

(ix) The Goodyear Tire & Rubber Co. or any subsequent owner or operator of the Goodyear facilities in Summit County, Ohio, shall not cause or permit

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the emission of sulfur dioxide from any stack in excess of the rates specified below:

(A) 4.47 pounds of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating unit B001 located at plant I.

(B) 0.50 pound of sulfur dioxide per million BTU actual heat input for fossil fuel-fired steam-generating units B002 and B003 located at plant I.

(C) 160 pounds of sulfur dioxide per 1,000 pounds of sulfur processed, for the sulfur recovery unit(s).

(D) for Plant II boilers:

(1) 2.24 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boilers A and B exiting through stack 4.

(2) 2.24 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boiler C exiting through stack 5.

(3) 2.24 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boiler D exiting through stack 6.

(E) In lieu of meeting paragraph (59)(ix)(D) of this paragraph (b), The Goodyear Tire and Rubber Company may elect to comply with the alternate emission limitations and operating conditions specified below for Plant II boilers, provided the General Tire and Rubber Company or any subsequent owner or operator of the General Tire facilities in Summit County, Ohio complies with §52.1881(b)(xviii)(D):

(1) The Goodyear Tire and Rubber Company shall not cause or permit the emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) 4.64 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boilers A, B, and C exiting through stack 4.

(ii) 4.64 pounds of sulfur dioxide per million BTU actual heat input for coal-fired boiler D exiting through stack 6.

(2) The Goodyear Tire and Rubber Company shall operate no more than three of the boilers A, B, C, or D simultaneously.

(3) The Goodyear Tire and Rubber Company shall not operate boiler D simultaneously with boilers A and B.

(x) The present or any subsequent owner or operator of the Tecumseh Company facilities in Summit County, Ohio shall not cause or permit sulfur

dioxide emissions from fossil fuel-fired steam generating unit(s) in excess of the rates specified below:

(A) 1.70 pounds sulfur dioxide per million BTU actual heat input for coal-fired units, and

(B) 0.70 pound sulfur dioxide per million BTU actual heat input for oil-fired unit(s).

(xi) The Ohio Edison or any subsequent owner or operator of the Ohio Edison Company's Beech Street power station in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Beech Street plant in excess of 0.00 pounds of sulfur dioxide per million BTU actual heat input.

(xii) The Ohio Edison Co. or any subsequent owner or operator of the Ohio Edison Co.'s Gorge plant in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at the Gorge plant in excess of 4.07 pounds of sulfur dioxide per million BTU actual heat input.

(xiii) No owner or operator of any process equipment, unless otherwise specified in this paragraph, shall cause or permit the emission of sulfur dioxide from any stack containing sulfur dioxide in excess of 17.0 pounds of sulfur dioxide per ton of actual process weight input.

(xiv) PPG Industries or any subsequent owner or operator of the PPG Industries facilities in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.00 pounds of sulfur dioxide per million BTU actual heat input for each coal-fired unit.

(xv) PPG Industries, or any subsequent owner or operator of the PPG Industries, Inc., Columbia Cement Plant, located in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack in excess of 0.0 pounds of sulfur dioxide per ton actual process weight input for the kilns.

(xvi) The present or any subsequent owner or operator of the Midwest Rubber Co. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess 1.80 pounds of sulfur

dioxide per million BTU actual heat input.

(xvii) The present or any subsequent owner or operator of the Terex Division of General Motors Corp. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.85 pounds of sulfur dioxide per million BTU actual heat input.

(xviii) The present or any subsequent owner or operator of the General Tire & Rubber Co. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 0.46 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 1 when exiting through stack S-35.

(B) 0.46 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 2 when exiting through stack S-36.

(C) 0.46 pound of sulfur dioxide per million BTU actual heat input for oil-fired boiler 3 when exiting through stack S-37.

(D) In lieu of meeting paragraph (59)(xviii) (A), (B), and (C) of this paragraph (b), The General Tire and Rubber Company may elect to comply with the alternate emission limitations and operating conditions specified below, provided the Goodyear Tire and Rubber Company or any owner or operator of the Goodyear Tire and Rubber Plant II facilities in Summit County, Ohio, complies with § 52.1881(b)(ix)(E):

(I) The General Tire and Rubber Company shall not cause or permit the emission of sulfur dioxide from any stack in excess 2.47 pounds of sulfur dioxide per million BTU actual heat input for oil-fired boilers 1, 2, and 3 when exiting through one-175 foot stack consistent with section 123 of the Clean Air Act, as amended.

(xix) The present or any subsequent owner or operator of the Goodyear Aerospace Co. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at AB boilerhouse of this facility in excess of 1.10 pounds of sulfur dioxide per million BTU of actual heat input or the emission of sulfur dioxide from any stack at D boilerhouse of the

facility in excess of 1.83 pounds of sulfur dioxide per million BTU of actual heat input.

(xx) The present or any subsequent owner or operator of the B. F. Goodrich Chemical Co. in Summit County, Ohio, shall not cause the emission of sulfur dioxide from any stack at this facility in excess of 5.22 pounds of sulfur dioxide per million BTU actual heat input.

(xxi) The present or any subsequent owner or operator of the Chrysler Corp. in Summit County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of the rates specified below:

(A) 0.86 pound of sulfur dioxide per million BTU actual heat input for boiler No. B001.

(B) 1.19 pounds of sulfur dioxide per million BTU actual heat input for boilers Nos. B002 and B003.

(29) In Washington County: (i) The Shell Oil Company or any subsequent owner or operator of the Shell Oil facilities at Washington County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 2.50 pounds of sulfur dioxide per million BTU actual heat input.

(ii) [Reserved]

(30) In Wood County, no owner or operator of any fossil fuel-fired steam generating unit or process operation heater shall cause or permit the emission of sulfur dioxide from any stack in excess of 1.10 pounds of sulfur dioxide per million BTU actual heat input.

(i) Bowling Green University or any subsequent owner of the Bowling Green facility in Wood County, Ohio, shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 5.5 pounds of sulfur dioxide per million BTU actual heat input.

[39 FR 13542, Apr. 15, 1974]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 52.1881, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 52.1882 Compliance schedules.

(a) *Federal compliance schedules.* (1) Except as provided in paragraph (a)(5) of this section, the owner or operator of any process equipment subject to applicable paragraphs of § 52.1881(b), shall